

Amendments to the Claims

The following listing of claims replace all prior versions and listing of claims in the application:

1. (Currently Amended) A heat exchanger comprising:

a heat exchange section in which a plurality of flat tubes are arranged substantially in parallel in a minor axis direction of the plurality of flat tubes at first intervals with fins disposed between the plurality of flat tubes so as to pass an external fluid in a major axis direction of the plurality of flat tubes; and

a header to which at least some flat tubes out of the plurality of flat tubes are connected, ~~in a state where~~ the at least some flat tubes protruded from the fins are different in length, the parts of the at least some flat tubes are bent in S-like shape in the minor axis direction between outside the heat exchange section and the header end parts of the at least some flat tubes ~~that~~ are connected to the header are gathered and arranged substantially in parallel in a same direction of the heat exchange section at second intervals that are narrower than in the heat exchange section ~~so that~~ and the minor axis direction of the end parts of the at least some flat tubes and a central axis direction of the header are the same direction.

2. (Original) A heat exchanger according to Claim 1,

wherein the end parts of the at least some flat tubes are bundled in the minor axis direction.

3. (Original) A heat exchanger according to Claim 1,

wherein the end parts of the at least some flat tubes are integrated in a bundled state and connected to the header.

4. (Original) A heat exchanger according to Claim 1,
wherein at the end parts of the at least some flat tubes, gaps between respective end parts are approximately equal to or smaller than a diameter of the flat tubes in the minor axis direction.
5. (Original) A heat exchanger according to Claim 1,
wherein the end parts of the at least some flat tubes are arranged so as to be substantially touching in the minor axis direction.
6. (Original) A heat exchanger according to Claim 1,
further comprising a first header to which end parts at one end of the plurality of flat tubes are connected and a second header to which end parts at another end of the plurality of flat tubes are connected,
wherein the first header and the second header are disposed with respect to the heat exchange section so that tube lengths of the plurality of flat tubes between the first header and the second header are substantially equal.
7. (Original) A heat exchanger according to Claim 1,
further comprising a first header to which end parts at one end of the plurality of flat tubes are connected and a second header to which end parts at another end of the plurality of flat tubes are connected,
wherein the first header and the second header are disposed at positions on a diagonal with the heat exchange section in between.

8. (Original) A heat exchanger according to Claim 1,

wherein in the heat exchange section, the plurality of flat tubes are arranged in a first direction,

the heat exchanger further comprises a first header to which end parts at one end of some flat tubes out of the plurality of flat tubes are connected, a second header to which end parts at the one end of other flat tubes out of the plurality of flat tubes are connected, and a third header to which end parts at another end of the plurality of flat tubes are connected, and

the first and second headers are disposed at respective sides in the first direction outside the heat exchange section and the third header is disposed in a central vicinity in the first direction outside the heat exchange section.

9. (Original) A heat exchanger according to Claim 1,

further comprising a plurality of headers and at least one distributor to which the headers are connected.

10. (Cancel.)

11. (Original) A heat exchanging system comprising:

a heat exchanger according to Claim 1; and

means for supplying a heat exchange medium to the heat exchanger.

12. (Cancel.)

13. (Cancel.)

14. (New) A heat exchanger comprising:

a heat exchange section in which a plurality of flat tubes are arranged substantially in parallel in a minor axis direction at first intervals with fins disposed between the flat tubes; and

a header to which at least some flat tubes out of the plurality of flat tubes are connected in a state where the at least some flat tubes are bent in the minor axis direction outside the heat exchange section and end parts of the at least some flat tubes are arranged substantially in parallel at second intervals that are narrower than in the heat exchange section so that the minor axis direction and a central axis direction of the header are the same direction, wherein in the heat exchange section, the plurality of flat tubes are arranged in a first direction,

the heat exchanger further comprises a first header to which end parts at one end of some flat tubes out of the plurality of flat tubes are connected, a second header to which end parts at the one end of other flat tubes out of the plurality of flat tubes are connected, and a third header to which end parts at another end of the plurality of flat tubes are connected, and

the first and second headers are disposed at respective sides in the first direction outside the heat exchange section and the third header is disposed in a central vicinity in the first direction outside the heat exchange section.